

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A single-pole double-throw switch comprising an input line portion and two output line portions connected to said input line portion at a branch point and defining with said input line portion two propagation channels for electromagnetic signals reaching said branch point via said input line portion, ~~in which switch~~ wherein each output line portion includes ~~a~~ an identical two-state electronic component constituting either a substantially open circuit or a substantially short circuit as a function of the application of an appropriate ~~command and common, same command,~~ said component being always in one of said two states in the absence of ~~a~~ said common, same command, and wherein both said two identical electronic components are always simultaneously in a same one of said two states, and ~~each~~ are disposed in ~~series in series or and in parallel parallel~~ with ~~one of~~ said two output line portions, respectively, ~~which switch has~~ said switch having an asymmetrical structure, said two propagation channels differing in their configuration and/or in the parity of their electrical length, expressed in quarter-wavelengths, between said components and said branch point, so that, regardless of ~~the state~~ said same state, said open circuit or said short circuit, of said components, one of said two channels always is open for electromagnetic signals and the other ~~channel~~ channel always is closed for electromagnetic signals.

2. (currently amended): The switch claimed in claim ~~4~~1, wherein said two components each constitute only an open circuit in the absence of a ~~said~~ command.

3. (currently amended): The switch claimed in claim ~~4~~1, wherein said two components each have only a zero or quasi zero impedance in the absence of a command.

4. (currently amended): The switch claimed in claim 1 wherein one of said electronic components is disposed in series ~~in~~with one of said two output line portions and the other of said electronic components is disposed in parallel ~~in~~with the other of said output line portions and the following conditions are satisfied:

- L_{AB} must be equal to an integer multiple of a half-wavelength;
- L_{AC} must be equal to an odd integer multiple of a quarter-wavelength;
- L_{CD} must be equal to an integer multiple of a half-wavelength;

where:

- ~~L_{XY} is the electrical distance between points X and Y;~~
- A is the branch point between input line portion/output line portions;
- B is the input point of series component;
- C is the branch point between output line portion/shunt line portion at level of the line portion comprising said parallel component; and
- D is the input point of said parallel component.

5. (canceled).

6. (currently amended): The switch claimed in claim ~~4~~1, wherein said electronic components are chosen ~~in~~ from the group ~~comprising~~ consisting of solid state components and micromachined components.

7. (previously presented): A two for one redundant structure system comprising two identical parallel functional branches, wherein electromagnetic signals are selectively transmitted to one of said two branches via a switch as claimed in claim 1 and each output line portion of said switch is connected to the input of one of said two branches of said system.

8. (currently amended): The system claimed in claim ~~7~~7, wherein the outputs of said two branches are connected to said output line portions ~~of a switch as claimed in claim 1~~, oppositely connected, so as to form a device for switching two channels to one channel.